

[Four-Dimensional Resource Allocation System]

Abstract of Disclosure

The present system is able to allocate resources to a system of tasks and calculate an optimum assignment plan with a set of user-adjustable criteria. In easier conditions, this is not difficult, but the problem becomes more complex when constraints are added. For example, choosing the best resource for a task when there are multiple variables to consider is not easy. This system uses a weighted average with user-defined scaling factors to decided the optimum condition of when and which resource to use. This allows each assignment plan to very closely match what the user has in mind.

Figures